

Welcome to the 2008 User Conference

Special Session:



Bitronics

The Engineer's Choice

The Bitronics family of utility-grade measurement instruments are used in electrical substations and OEM equipment to provide local display and measurement data to SCADA systems. Session 3 at 1:30 p.m. on Monday and Session 9 at 9:45 a.m. on Wednesday will cover the following topics:

- Typical measurement and display applications in plant and utility substations
- Applications in automation and control systems
- Applications in disturbance recording
- Open discussion on how we may integrate Bitronics instruments into the 8000-series I/O line

SAVE THE DATE

October 14 - 16, 2008: Houston, Texas
ISA Expo, Reliant Center, Booth #1809

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- **Feature:** New Website Overview
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- **Keynote Speaker:** Jim Pinto "The Future of Global Automation Revealed"

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Smarter Solutions

NOVATALK

NovaTech, LLC
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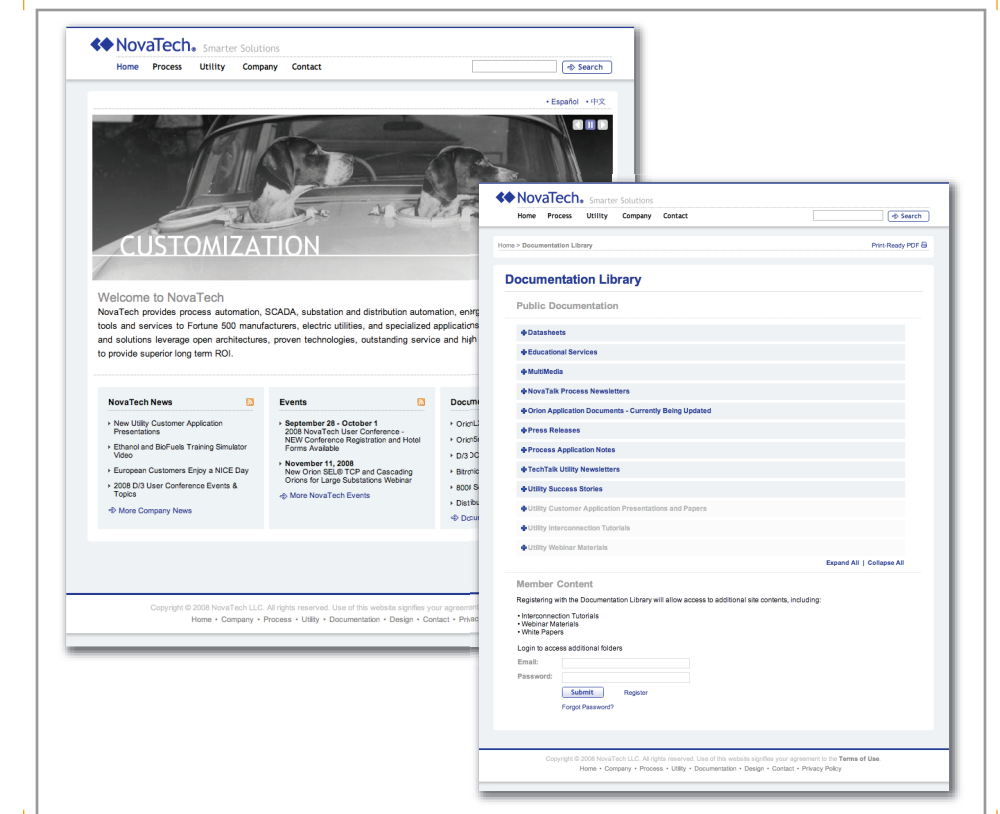
More Than Just A Pretty User Interface

Public website redesign improves search function, documentation and search engine ranking

This past June, NovaTech completed a year-long effort to update and redesign our public website. The site's messaging reflects NovaTech's evolving status as a global solutions provider to the process control and electric utility markets, while emphasizing our core values of service, customization, and innovation. An improved search function, a documentation library with premium content (site registration required), Chinese and Spanish language pages, and improved search engine relevance are all wrapped up in a sleek new look (created by New York-based design firm Kounterattack) that was recognized by prestigious web design community Digitalthread.com for inclusion in their best-of-the-web portfolio.

Site content is grouped into more relevant and granular associations. Process and Utility products and services are broken out under separate headings, and most underlying pages include animated overviews, documentation and news dialogues relating specifically to that product or offering. And the search function helps users quickly find the most relevant information they're looking for (and authorized to view).

"We had to re-think a few of our naming practices in the process of



The new website homepage and documentation library.

building a site that will rank higher in search engines," notes Conrad Oakey, who generated the site content and managed its production. "For instance, although 'Process Automation System' or 'PAS' is perhaps a more accurate description for the open-architecture D/3 than 'DCS', the latter is the term most people enter into a search engine when they're looking for process control. Search algorithms do not have a Thesaurus and reward useful content in the most straightforward terms possible, and so our naming and content practices will

rightly reflect this user-centered approach moving forward."

Leveraging web-based technologies and practices to improve our internal knowledge-sharing and customer support is an ongoing priority for NovaTech, and any customers or employees with recommendations for expanded services and functionality are encouraged to contact conradoakey@novatechweb.com with their suggestions or advice.

2008 USER CONFERENCE SCHEDULE

Monday, September 29				
Tuscan Room	Composite Room	Ionic Room	Demo Room (Veterans Room)	
Registration 8:00 am - 8:30 am		Registration is located on Third Floor of Tremont Grand Conference Center. Access the walkway from the Fifth Floor of the Tremont Plaza Hotel.		Closed
Opening Session 8:30 am - 9:15 am		Opening Session		Closed
Session 1 9:15 am - 11:00 am		D/3® Product Updates		Closed
15 Minute Break incorporated into Session 1				
Session 2 11:00 am - 12:30 pm		8000 I/O Retrofit		Open
Lunch 12:30 pm - 1:30 pm		Luncheon (DORIC ROOM (4th Floor)); Conference attendees only)		Open
Session 3 1:30 pm - 3:00 pm		User Applications: Boilers		Open
15 Minute Break				
Session 4 3:15 pm - 4:15 pm		Asset Management		Open
4:15 pm - 4:30 pm		Recovery / Back-up		Open
4:15 pm - 4:30 pm		Steering Committee Meeting - Concordia Room		Closed
Evening Activity 5:30 pm - 8:30 pm		Padonia Park - Buses will be waiting outside the Tremont Plaza Hotel's main lobby starting at 4:30 pm and leave promptly at 5:00 pm.		Closed
Tuesday, September 30				
Session 5 8:30 am - 10:00 am		User Applications: Fieldbus & VMware		Open
15 Minute Break				
Session 6 10:15 am - 11:45 am		EAMS with D/3 and Orion		Open
Lunch 12:00 pm - 1:00 pm		Luncheon (DORIC ROOM (4th Floor)); Conference attendees only)		Open
Session 7 1:00 pm - 2:30 pm		FlexBatch®		Open
1:00 pm - 2:30 pm		Customer Support and Response		Open
15 Minute Break				
Workshop 2:45 pm - 5:15 pm		FlexBatch® Workshop -- Composite Room		Open
5:15 pm - 5:30 pm		Steering Committee Meeting - Concordia Room		Open
Evening Activity 6:30 pm - 9:00 pm		Sports Legend Museum - Buses will be waiting outside the Tremont Plaza Hotel's main lobby starting at 5:45 pm and leave promptly at 6:15 pm.		Closed
Wednesday, October 1				
Session 8 8:00 am - 9:30 am		FOCUS GROUP - IEC 61131		Open
15 Minute Break				
Session 9 9:45 am - 11:00 am		Tips n' Tricks - Roundtable		Open
Session 10 11:15 am - 12:15 pm		Jim Pinto - Automation		Open
Final Break and Checkout				
Lunch 12:30 pm - 1:30 pm		Business Meeting and Closing Comments Luncheon (DORIC ROOM (4th Floor)); Conference attendees only)		Open
Workshop 1:45 pm - 3:45 pm		TotalVision® Workshop -- Composite Room		Closed
4:00 pm - 4:30 pm		Steering Committee Meeting - Concordia Room		Closed

EVENTS

Sunday, September 28th: Spend a day touring the U.S. Naval Academy located in the charming city of Annapolis, Maryland (lunch provided). Buses will be waiting outside the Tremont Plaza Hotel's main lobby starting at 10:30 a.m. and leave promptly at 11:00 a.m. Wear comfortable shoes and dress is casual.

Monday, September 29th: An evening in Padonia Park filled with food and fun. Buses will be waiting outside the Tremont Plaza Hotel's main lobby starting at 4:30 p.m. and leave promptly at 5:00 p.m. Dress is casual and tennis shoes recommended if you would like to play volleyball, horseshoes or any of the other activities.

Tuesday, September 30th: Dinner will be held at the Sports Legends and Babe Ruth Museum and will include open access to the entire museum. Buses will be waiting outside the Tremont Plaza Hotel's main lobby starting at 5:45 p.m. and leave promptly at 6:15 p.m. Dress is business casual.

KEYNOTE PREVIEW

Excerpted from "The Future of Global Automation Revealed" by Jim Pinto

All the rules of business are being re-written in the new age. Old dinosaurs are dying as new leaders emerge. Leadership traditionally came from the advanced, developed countries. There's nothing "traditional" any more.

Change affects all spectrums in the business landscape: end-users; hardware, software and equipment suppliers; services. Services that can be provided remotely will migrate worldwide to the best low-cost providers. Plants & factories will move

to where materials originate, and will be designed to "disappear" when sources are depleted. Knowledge moves easily and can be transferred anywhere.

The fundamental purpose of automation is to improve productivity - generate increased, higher-quality output with reduced costs. Productivity has become a fierce, head-to-head competition between regions and nations for the single reason that it is the source of the wealth, the key to improvements in living standards. Those who can produce cheaper, faster, better - win!

Technology improves productivity. Hardware and software, products and systems, will continue on the technology treadmill, becoming smaller, cheaper, higher performance at a better price, more widely available. Products can be copied - advantage comes from the knowledge that stays ahead of the game.

Software will be self-organizing, embedded knowledge - monitoring and management of literally hundreds of thousands of measurement and control points. Future advances will include pattern-recognition, predictive diagnostics, and non-hierarchical complex-adaptive systems.

WORKSHOPS

TotalVision® Workshop

Jerry Hughes and Ray Ramsey
NovaTech Process Solutions, LLC

- 1. Review SGO basics (10-20 mins)**
Definitions, Parts of an SGO, View/discuss existing SGOs, Review dynamics and variables.
- 2. SGO development process and walkthru (30-50 mins)**
Weigh versatility vs end-user effort, Identify data acquisition requirements, Build static objects, Write

dynamics for static objects, Temporarily define data and build as top-level to test, Adjust as needed to meet desired needs, Remove definitions and replace with templating, Add SGO to top-level model and bind to data, Build and test for proper data operation.

- 3. Hands on (remaining time)**
Build several SGOs to accomplish tasks defined on lab worksheet.

FlexBatch® Workshop

Connie Hiegel, NovaTech Process Solutions, LLC

The FlexBatch Workshop will introduce users to FlexBatch software and provide hands-on lab exercises covering terminology (campaigns, batches, unit recipes, operations and phases), roles of the control engineer, recipe developer, and operator, scheduling campaigns, batches and much more.